



Repeater: NØDX 145.190 MHz (Input 144.590 / Tone 192.8 Hz)



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## The Eastern Iowa DX Bulletin

Number 196, November 17, 2023

**Craig Fastenow, KØCF, Editor**

This bulletin is a compilation of **currently active** DX operations (or those that will become active within the current week) from recent issues of the three DX bulletins listed below and other sources. Credit for the source is given at the end of each article.

Articles are ordered by the entity's callsign prefix from the *ARRL DXCC Entities List*. Callsigns used are in **bold** with dates of operation highlighted in **red**. Clickable links are provided for QSL and other information wherever possible. Articles will remain in *The Bulletin* while active, but with a 5-week maximum.

Also included is a [Propagation](#) section, updated daily; and a [Contest Calendar](#) of upcoming popular contests.

DX News items are courtesy of:

The ARRL DX Bulletin

The bulletin is available at <http://www.arrl.org>

425 DX News, A.R.I. DX Bulletin (425DXN)

Edited by Mauro Pregliasco, I1JQJ & Valeria Pregliasco, IK1ADH

425 DX News Home Page: <https://www.425dxn.org/>

425 DX News Google Group: <https://groups.google.com/g/425eng>

DX Newsletter (DXNL)

Edited by Andreas Salder, DK5ON

A weekly service of DARC Committee "DX", <http://www.darcdxhf.de>

Propagation data is from the National Oceanic and Atmospheric

Administration's [Space Weather Prediction Center](#)

Contest data courtesy of the [WA7BNM Contest Calendar](#)



### Solar-Terrestrial Data

28 Nov 2023 1721 GMT  
SFI: 140 SN: 51  
A-Index: 4  
K-Index: 1  
X-Ray: C1.7  
304A: 144.2 @ SEM  
Ptn Flx: 18  
Etc Flx: 1320  
Aurora: 2/n=1.99  
Mag (Bz): 3.0  
Solar Wind: 294.8  
Geomag Field VR QUIET  
Sig Noise Lvl S0-S1  
Current Solar Image



<https://www.n0nbh.com>  
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Solar data courtesy of:  
Solar Data Banners & Widgets

## DX News

**3B9, RODRIGUES ISLAND.** Kazu, MØCFW will be QRV as **3B9/MØCFW** from **November 19th to December 1st**. Activity is on the HF bands. He will be active as **3B9KW** in the upcoming CQ WW DX CW Contest (November 25th-26th). QSL to [MØCFW](#).  
-[ARRL DX Bulletin # 46 November 16, 2023] (1117-1201)

**4S, SRI LANKA.** Peter, DCØKK is active again as **4S7KKG** from Sri Lanka (AS-003, grid MJ96xk) **until March 30, 2024**. He operates FT8, FT4, RTTY and possibly CW on 20-6 meters. QSL via LoTW, [ClubLog's OQRS](#), or direct to [DCØKK](#).  
-[425DXN # 1697 November 11, 2023] (1110-1215)

**4W, TIMOR-LESTE.** A large group of operators will be QRV as **4W8X** from Dili from **November 6th to December 5th**. Activity will be on the HF bands using CW, SSB, RTTY,

FT8, and FT4. This includes being entries in the upcoming WAEDC RTTY and CQ WW DX CW Contest (November 25th-26th). For more information see: <http://timor-leste-dx.de/>. QSL via [DJ4MX](#) or [ClubLog's OQRS](#).

-[ARRL DX Bulletin # 44 November 2, 2023] (1103-1208)

**5B, CYPRUS.** Yuri, VE3DZ will be active as **5B4AQW** from Anogyra, Cyprus on **November 19th-28th**. He will participate in the CQ WW DX CW Contest (November 25th-26th) as **P3D**. QSLs via [VE3DZ](#).

-[425DXN # 1698 November 18, 2023] (1117-1201)

**5H, TANZANIA.** Maurizio, IK2GZU will be active again as **5H3MB** from Tanzania from **November 8th to December 8th**, while doing volunteer work at the Ikelu Hospital and Ilembula Orphanage. In his spare time he will operate SSB, CW and digital modes on 80-10 meters. QSL via [ClubLog's OQRS](#), LoTW and eQSL, or via [IK2GZU](#).

-[425DXN # 1690 September 23, 2023] (1103-1208)

**7O, YEMEN.** Dima, RA9USU has been active as **7O73T** from the Diksam Plateau on Socotra Island (AF-028) since November 10th and will remain there **until November 28th**. He operates mainly CW with some FT8 and will participate in the CQ WW DX CW Contest (November 25th-26th). QSL via [ClubLog's OQRS](#), or via [UA3DX](#).

-[425DXN # 1698 November 18, 2023] (1117-1201)

**7Q, MALAWI.** Don, K6ZO is QRV as **7Q6M** from Embangweni and is here for six months while on work assignment in a hospital. Activity is in his spare time on the HF bands and 6 meters using CW, SSB, FT8, and EME. QSL via LoTW.

-[ARRL DX Bulletin # 46 November 16, 2023] (1117-1222)

**9K, KUWAIT.** Special callsign **9K9OMAN** joins the celebrations of Oman's national day from **November 14th to 20th**. QSL via [EC6DX](#).

-[DXNL # 2380 November 15, 2023] (1117-1124)

**9M6, EAST MALAYSIA.** Saty, JE1JKL will be active again as **9M6NA** from Labuan Island (OC-133), East Malaysia for the CQ WW DX SSB Contest (**October 28th-29th**) (SOAB 15m) and the CQ WW DX CW Contest (**November 25th-26th**) (SOAB). QSL via LoTW and [ClubLog's OQRS](#).

-[425DXN # 1694 October 21, 2023] (1027-1201)

**A4, OMAN.** Special callsign **A43ND** marks the 53rd Omani National Day **during November**. QSL via [EC6DX](#), LoTW, eQSL, qrz.com.

-[DXNL # 2379 November 8, 2023] (1110-1201)

**CEØY, EASTER ISLAND.** Jorge, **CEØYHF**, will be QRV from **November 18th to December 10th** while working at a hospital on Pascua Island, (SA-001). Activity is in his spare time on 30 to 6 meters using some CW and SSB, but mostly FT8. QSL direct to [CEØYHF](#).

-[ARRL DX Bulletin # 46 November 16, 2023] (1117-1208)

**CE9, ANTARCTICA.** Esperanza Base is now active on PSK31 using the call sign **L36Z**, celebrating the station's anniversary. Look for them to be using FT8 also. QSL via LoTW, or direct to [LU4DXU](#).

-[ARRL DX Bulletin # 45 November 9, 2023] (1110-1124)

**CN, MOROCCO.** Stephan, DL1MOG, is currently active again as **CN2MOG** and will remain so **during November**, while exploring the Atlas mountains on a caravanning trip. QSL via [DL1MOG](#).

-[DXNL # 2378 November 1, 2023] (1103-1201)

**DU, PHILIPPINES.** Special event station **DU37EUDXF** is QRV **until November 30th** to celebrate 37 years of the European DX Foundation. QSL via operators' instructions.

-[ARRL DX Bulletin # 44 November 2, 2023] (1103-1201)

**DXCC TOP TWENTY.** Here are the top 20 entities on ClubLog's "DXCC Most Wanted" list as of November 17, 2023:

- |          |                    |          |                                  |
|----------|--------------------|----------|----------------------------------|
| 1. P5    | DPRK (North Korea) | 11. 3Y/B | Bouvet Island                    |
| 2. BS7H  | Scarborough Reef   | 12. ZS8  | Prince Edward & Marion Islands   |
| 3. CEØX  | San Felix Islands  | 13. KH4  | Midway Island                    |
| 4. BV9P  | Pratas Island      | 14. VKØM | Macquarie Island                 |
| 5. KH7K  | Kure Island        | 15. PYØS | Saint Peter And Paul Rocks       |
| 6. KH3   | Johnston Island    | 16. PYØT | Trindade & Martim Vaz Islands    |
| 7. FT/G  | Glorioso Island    | 17. KP5  | Desecheo Island                  |
| 8. 3Y/P  | Peter 1 Island     | 18. VP8S | South Sandwich Islands           |
| 9. FT5/X | Kerguelen Island   | 19. KH5  | Palmyra & Jarvis Islands         |
| 10. YVØ  | Aves Island        | 20. ZL9  | New Zealand Subantarctic Islands |

For the complete list, see <https://clublog.org/mostwanted.php>

-[KØCF November 17, 2023] (1117-1201)

**EI, IRELAND.** Special event callsign **EI8ØMB** will be active from **November 1st to May 31, 2024**, to commemorate the 80th anniversary since 168 German seamen were miraculously rescued from the waters of the Bay of Biscay after a battle between British and German naval forces (December 29, 1943). Carried out by the small Irish coaster "Kerlogue" (callsign EIMB), the rescue took more than ten hours. QSL via [ClubLog's OQRS](#) or via [EI6AL](#).

-[425DXN # 1695 October 28, 2023] (1027-1201)

**EX, KYRGYZSTAN.** Maxim, OH7CYO plans to be QRV as **EX/OH7O/p** from Lake Issyk Kul **until November 20th**. Activity is on 20, 15, and 10 meters using SSB. QSL to [OH7CYO](#).

-[ARRL DX Bulletin # 46 November 16, 2023] (1117-1124)

**F, FRANCE.** The Radio Club de Wingles (F4KLR) will be active as **TM125ED** from **November 4th to December 31st**. The special callsign commemorates the 125th anniversary since radio pioneer Eugene Ducretet gave a public demonstration of wireless communication between the Eiffel Tower and the Pantheon 4 km away (November 5, 1898). All CW and SSB QSOs will be confirmed automatically via the bureau and eQSL, FT8 QSOs will be confirmed via eQSL only; direct cards via [F4KLR](#).

-[425DXN # 1693 October 14, 2023] (1103-1208)

**F, FRANCE.** Once again, the Radio Club de Nice will be active as **TM8AB** to commemorate the anniversary of the first transatlantic amateur two-way contact between Leon Deloy, F8AB and Fred Schnell, 1MO (November 28, 1923). Look for activity on 80-10 meters SSB, CW, FT8 and SSTV during the **weekends between October 28th and December 10th**. QSL via [F4KJQ](#).

-[425DXN # 1691 September 30, 2023] (1027-1201)

**FG, GUADELOUPE.** Vaclav, OK6RA will be active holiday style as **FG/OK6RA** from Guadeloupe (NA-102) on **November 8th-27th**. He will operate CW, SSB and FT8 on 40-10 meters (maybe also on 6m), with main activity during the CQ WW DX CW Contest (November 25th-26th, SOSB 15m). QSL via [OK6RA](#) or [ClubLog's OQRS](#).

-[425DXN # 1696 November 4, 2023] (1103-1201)

**FJ, SAINT BARTHELEMY.** KB9DVB as **FJ/KB9DVB** and KC9SNM & KB9DVC as **TOØT** will be active from St. Barthelemy (NA-146) on **November 22nd-29th**. They will operate CW and SSB (no FT8) and will participate in the CQ WW DX CW Contest (November 25th-26th) as **TOØT** (QSL via [KB9DVC](#)).

-[425DXN # 1697 November 11, 2023] (1117-1201)

**FJ, SAINT BARTHELEMY.** Phil, K2LIO is QRV as **FJ4WEB** **until December 31st**. Activity is holiday style on 40 to 10 meters. QSL to [K2LIO](#).

-[ARRL DX Bulletin # 44 November 2, 2023] (1103-1208)

**FO/M, MARQUESAS ISLAND.** Didier, F6BCW and other nine operators (namely F1MNQ, F4ISZ, F5JRX, F5LRL, F5VHQ, F6EEQ, F6FMC, F6HBI and F8GGV) will be active as **TX7L** from Hiva Oa, Marquesas Islands (OC-027) on **November 4th-19th**. They plan to operate CW, SSB, FT8, FT4 and RTTY on 160-6 meters with four stations. QSL exclusively via [CluLog's OQRS](#); the full log will be uploaded to LoTW six months after the operation. See <https://marquises2023.f6kjs.fr/> for more information, as well as <https://www.facebook.com/TX7L-109202902174568/> for updates.

-[425DXN # 1671 May 13, 2023] (1103-1124)

**FS, SAINT MARTIN.** Gary, KC9EE signs **FS/KC9EE** during the upcoming CQWW DX CW Contest (**November 25th-26th**). QSL via [KC9EE](#).

-[DXNL # 2380 November 15, 2023] (1124-1201)

**FW, WALLIS & FUTUNA ISLANDS.** Jacky, ZL3CW will be active as **FW2CW** from FW1JG's QTH on Wallis Island (OC-054) on **November 20th-30th**. He will operate CW only with a focus on 30, 17 and 12 meters, and will also participate in the CQ WW DX CW Contest as FW5N. QSL via LoTW and [ClubLog's OQRS](#).

-[425DXN # 1689 September 16, 2023] (1117-1201)

**H4, SOLOMON IS.** WA7CPA, N7QT, N7JP, N9ADG, NU7J, and KC7EFP are currently active as **H44WA** from Guadalcanal (OC-047) **until November 29th**. QSL via [MØURX](#). Bureau cards will not be provided, and there will be "no full log LoTW upload". More information and detailed QSL policy can be found on <https://www.h44wa.com/>.

-[DXNL # 2380 November 15, 2023] (1117-1201)

**HB9, SWITZERLAND.** Special callsign **HB8DELOY** is the for members of the Swiss Air Force Museum's Radio Club (HB4FR) to commemorate the 100th anniversary of the first transatlantic amateur two-way contact between Leon Deloy, F8AB and Fred Schnell, 1MO (November 28, 1923). Look for activity from **November 1st to December 31st**. QSL via [HB9ACA](#) (bureau preferred).

-[425DXN # 1696 November 4, 2023] (1103-1208)

**HK, COLOMBIA.** Celebrating the 90th anniversary of the Liga Colombiana de Radioaficionados, eleven special callsigns will be in use on November 18th-19th: **5KØLR, 5K1LR, 5K2LR, 5K3LR, 5K4LR, 5K5LR, 5K6LR, 5K7LR, 5K8LR, 5K9LR** and **5J3L** (YL operators). Look for activity on 40-10 meters CW, SSB, FT8. The event is organized by Liga Radio Bogota. QSL via LoTW, eQSL, qrz.com, ClubLog, or via [HK3LRB](#). A number of certificates will be available, see <https://www.qrz.com/db/5K1LR> for the details.

-[425DXN # 1696 November 4, 2023] (1117-1124)

**HR, HONDURAS.** Team **HQ9X** (K1XM, KQ1F, N9NC, NG7A and W1UE) will be active from Roatan Island (NA-057) from **November 20th to December 4th**, including entries in the CQ WW DX CW Contest (November 25th-26th), the ARRL 160-Meter Contest (first night only), and the FT Roundup (complete information can be found on <https://www.rttycontesting.com/ft-roundup/>). QSL via [KQ1F](#).

-[425DXN # 1698 November 18, 2023] (1117-1208)

**HR, HONDURAS.** Alex, K6VHF will be QRV as **HR9/K6VHF**, from **November 22nd to 28th**, on 40 to 6 meters using FT8, FT4, SSB and CW.

-[ARRL DX Bulletin # 45 November 9, 2023] (1117-1201)

**HR, HONDURAS.** Max, N5NHJ (I8NHJ) will be active as **HQ9CW** from Roatan Island (NA-057, EK66rh) on **November 22nd-29th**. He will operate CW only on 20-6m and will participate in the CQ WW DX CW Contest (November 25th-26th), SOSB on 15 or 10m,



low power. QSL via LoTW, or direct to [N5NHJ](#).  
-[425DXN # 1695 October 28, 2023] (1117-1201)

**HZ, SAUDI ARABIA.** Special callsign **HZ1OMAN** is currently active **until November 18th**.  
-[DXNL # 2380 November 15, 2023] (1117-1124)

**OE, AUSTRIA.** Watch for **OE1ØØXBB** operating in the celebration of the 100th anniversary of Austria's federal railway system **until December 15th**. QSL via bureau.  
-[DXNL # 2380 November 15, 2023] (1117-1215)

**OX, GREENLAND.** Look for **OX3LX** (QSL via LoTW, [ClubLog's OQRS](#), or via [OZØJ](#)), **OX5DM** (QSL via [ClubLog's OQRS](#), or direct to [OZ1ACB](#)), **OX7AKT** (QSL via LoTW, [ClubLog's OQRS](#), or via [OZ1ACB](#)), and **OX7AM** (QSL via LoTW, [ClubLog's OQRS](#), or via [OZ1ACB](#)) to be active from Greenland (NA-018) on **November 21st-28th**. Alex, OX7AM will participate in the CQ WW DX CW Contest (November 25th-26th), while the other three will be QRV on 60, 30, 17 and 12 meters.  
-[425DXN # 1698 November 18, 2023] (1117-1201)

**P4, ARUBA.** John, W2GD will be QRV as **P44W** from Santa Cruz from **November 21st to 28th**. Activity will be mainly on 30, 17, and 12 meters using CW. He will be a Single Op/All Band/High Power/Assisted entry in the upcoming CQ WW DX CW Contest (November 25th-26th). QSL via [N2MM](#) or LoTW.  
-[ARRL DX Bulletin # 46 November 16, 2023] (1117-1201)

**PA, NETHERLANDS.** Special callsign **PF23MAX** celebrates Max Verstappen's Formula 1 World Championship 2023 title **during November**. QRV on HF and via QO-100. QSL via [PF23MAX](#).  
-[DXNL # 2379 November 8, 2023] (1110-1201)

**PA, NETHERLANDS.** Dutch members of the European DX Foundation will operate special callsigns **PA37EUDXF**, **PB37EUDXF**, **PC37EUDXF**, **PD37EUDXF**, **PE37EUDXF**, **PF37EUDXF**, **PG37EUDXF**, **PH37EUDXF** and **PI37EUDXF** from **November 1st to 30th** to celebrate the EUDXF's 37th anniversary. QSL PH37EUDXF via [PA2TMS](#); QSL other callsigns via LoTW, [ClubLog's OQRS](#) (preferred), or via [PA1AW](#).  
-[425DXN # 1693 October 14, 2023] (1027-1201)

**PJ4, BONAIRE.** Look for **PJ4/K4BAI**, **PJ4/KU8E** and **PJ4/N8VW** to be active from Bonaire (SA-006) on **November 21st-28th**. They will participate in the CQ WW DX CW Contest (November 25th-26th) as **PJ4A**. QSL PJ4/K4BAI, PJ4/KU8E and PJ4A via [K4BAI](#).  
-[425DXN # 1697 November 11, 2023] (1117-1201)

**PJ7, SINT MAARTEN.** Gary, KC9EE will be active again as **PJ7EE** from Sint Maarten (NA-105) on **November 20th-29th**, including an entry in the CQ WW DX CW Contest (November 25th-26th). QSL via LoTW, [ClubLog's OQRS](#), or direct to [KC9EE](#).  
-[425DXN # 1697 November 11, 2023] (1117-1201)

**PJ7, SINT MAARTEN.** After the CQ WW DX SSB Contest, Ed, N2HX will move from St. Kitts to Sint Maarten (NA-105). He will be QRV as **PJ7PL**, including entries in the CQ WW DX CW Contest (November 25th-26th) and the ARRL 10- Meter Contest (December 9th-10th). QSL via [N2HX](#).  
-[425DXN # 1694 October 21, 2023] (1103-1215)

**PYØT, TRINDADE & MARTIM VAZ IS.** Team **PRØT** is now expected to be QRV from Trindade Island (SA-010) on **November 16th-19th**. The three-men on-site team will operate SSB and CW; the FT8 station will be operated remotely by ten other amateurs. Look for activity on 40-10m. QSL via [MØOXO's OQRS](#). See <https://www.pr0t.com.br/home/> for more information. Plans are to upload QSOs in real

time to <https://hampass.org/2023-pr0t>.

-[425DXN # 1696 November 4, 2023] (1110-1124)

**S7, SEYCHELLES.** Operators G4IKRN, G3WPH, G4IRN and G4PVM will be QRV as **S79/home calls beginning November 21st**. This includes being an entry in the upcoming CQ WW DX CW Contest (November 25th-26th) with a yet to be determined call sign. QSL via operators' instructions.

-[ARRL DX Bulletin # 46 November 16, 2023] (1117-1208)

**SP, POLAND.** Special callsign **SN15AXI** honors the memory of Janek Bonikowski, SP3AXI, a scout leader and amateur radio Elmer, who died in 2008. QRV **until the end of January 2024**. QSL via bureau or eQSL.

-[DXNL # 2379 November 8, 2023] (1110-1215)

**SP, POLAND.** The Bydgoszcz Amateur Radio Club (SP2PBY) will be active as **SN3BUW, SN3IW, SN6ESH** and **SN6IU** on **November 6th-19th** to honor the memory of Henryk Kruszynski SP2BUW (1957-2020), Ryszard Czerwinski SP2IW (1932-2018), Boleslaw Krzymin SP2ESH (1936-2016) and Zbigniew Gorgolewski SP2IU (1933-2017). QSLs via [SP2PBY](http://www.sp2pby.pl/). A certificate will be available: <http://www.sp2pby.pl/>.

-[425DXN # 1696 November 4, 2023] (1103-1124)

**UA, EUROPEAN RUSSIA.** Special callsigns **R2Ø23DX** and **UE33DX** will be active on **November 17th-30th** to celebrate the 33rd anniversary of the Miller DX Club. QSLs via [RQ7L](http://www.rq7l.com/).

-[425DXN # 1697 November 11, 2023] (1117-1201)

**V2, ANTIGUA & BARBUDA.** Bud, AA3B will be QRV as **V26K** from Antigua from **November 19th to 27th**. Activity is on the HF bands using CW. He will be a Single Op/All Band/Low Power entry in the upcoming CQ WW DX CW Contest (November 25th-26th). QSL direct to [AA3B](http://www.aa3b.com/).

-[ARRL DX Bulletin # 46 November 16, 2023] (1117-1201)

**V4, ST. KITTS & NEVIS.** Bob, WX4G will be active as **V47RB** from St. Kitts (NA-104) from **November 20th to December 1st**. He will operate CW, FT4, FT8 and SSB on 80-6 meters, and will participate in the CQ WW DX CW Contest (November 25th-26th) as V48A on 40 meters. QSLs via LoTW, [ClubLog's OQRS](http://www.clublog.com/), eQSL, or via [WX4G](http://www.wx4g.com/).

-[425DXN # 1697 November 11, 2023] (1117-1201)

**V5, NAMIBIA.** Gunter, DK2WH will be active again as **V51WH (V55Y** in contests) from Namibia starting on **November 16th through April 2024**. He operates SSB, CW and FT8 on 160-10 meters. QSL via [DK2WH](http://www.dk2wh.com/); he does not use LoTW.

-[425DXN # 1697 November 11, 2023] (1117-1215)

**V6, MICRONESIA.** Cesar still suffers delays due to inclement weather. He hopes to stay on Satawala Island (OC-299) for 6 days (**November 14th to 19th**) and then another 4 days on Puluwate Island (OC-155). Cesar posts regular updates to <https://v6iota.weebly.com/>.

-[DXNL # 2380 November 15, 2023] (1117-1124)

**V6, MICRONESIA.** DF4GV, DK2AMM, DL2AMD and DL2AWG will be active as **V6EU** from Chuuk Island (OC-011), Micronesia on **November 15th-28th**. They will operate SSB, CW, RTTY and FT8 on 160-10 meters. QSL via [DL2AWG](http://www.dl2awg.com/), [ClubLog's OQRS](http://www.clublog.com/) and LoTW.

-[425DXN # 1679 July 8, 2023] (1110-1201)

**VE, CANADA.** Pierre, VK3KTB and Alexey VE1RUS will be active again as **VYØERC** from the Eureka Amateur Radio Club station on Ellesmere Island (NA- 008) from **October 21st to November 22nd**. QSL via [MØOXO's OQRS](http://www.m0oxo.com/).

-[425DXN # 1694 October 21, 2023] (1020-1124)

**VK, AUSTRALIA.** Tom, VK2WN (SP7WT) will be active as **AX37EUDXF** from **October 15th until November 30th** to celebrate the 37th anniversary of the European DX Foundation. QSL via LoTW, eQSL, [ClubLog's OQRS](#). He does not use the bureau.

-[425DXN # 1694 October 21, 2023] (1020-1124)

**VK9X, CHRISTMAS ISLAND.** Chris, GM3WOJ and Keith, GM4YXI will be active as **VK9XGM** from Christmas Island (OC-002) from **November 21st to December 5th**, including a M/2 entry in the CQ WW DX CW Contest (November 25th-26th). They will operate SSB, CW and FT8/FT4 on 160-10 meters with two stations. QSL via LoTW, or [N3SL](#); log search on ClubLog. See <https://www.vk9xgm.com/> for more information.

-[425DXN # 1687 September 2, 2023] (1117-1208)

**VK9X, CHRISTMAS ISLAND.** Yuris, YL2GM and Eugene, EA5EL will be active as **VK9XY** from Christmas Island (OC-002) on **November 14th-27th**. They will operate CW, SSB and FT8 on 160-6 meters with two stations. QSLs via [ClubLog's OQRS](#) (direct and bureau), or direct to [YL2GN](#). See [https://www.lral.lv/vk9xy\\_vk9cy/index.html](https://www.lral.lv/vk9xy_vk9cy/index.html) for information.

-[425DXN # 1697 November 11, 2023] (1110-1201)

**VP2V, BRITISH VIRGIN ISLANDS.** Look for Kevin, W1DED to be active as **VP2V/W1DED** from Virgin Gorda (NA-023) on **November 11th-19th**. QSL via LoTW, or direct to [W1DED](#).

-[425DXN # 1696 November 4, 2023] (1110-1124)

**VP9, BERMUDA.** Darrell, AB2E will be active as **AB2E/VP9** from VP9GE's rent-a-shack on **November 23rd-27th**. Main activity will be as **VP9GE** during the CQ WW DX CW Contest (November 25th-26th); outside the contest he will operate mostly CW and some FT8 on 30, 17 and 12 meters, as well as on the low bands. QSL via LoTW, or direct to [AB2E](#).

-[425DXN # 1697 November 11, 2023] (1117-1201)

**VU, INDIA.** A large group of operators will be QRV with special event call **AT23JCB** from Mousuni (Mahisani) Island (AS-153), on **November 18th and 19th**. Activity will be on 40, 20, and 10 meters. This is also a Beaches On The Air activation. QSL via operators' instructions.

-[ARRL DX Bulletin # 46 November 16, 2023] (1117-1124)

**VU, INDIA.** Datta, VU2DSI will be active once again as **AU2JCB** from **November 23rd to December 11th** to commemorate the birthdate (November 30, 1858) of Indian physicist and radio pioneer Jagadish Chandra Bose. He will operate SSB on 80, 40, 20, 15 and 10 meters, and FM on 50800, 51500 and 29700 KHz. QSL direct to [VU2DSI](#). Also QRV are expected to be **AU3JCB** (operated by VU2EVU) and **AU5JCB** (operated by VU2XPN).

-[425DXN # 1697 November 11, 2023] (1117-1215)

**XU, CAMBODIA.** Thomas, DL7BO, will be back on the air from Cambodia as **XU7GNY** until **November 26th**, including the CQWW DX CW Contest (November 25th-26th). QRV on 80-6m. QSL via [DJ6TF](#), OQRS, LoTW, eQSL.

-[DXNL # 2380 November 15, 2023] (1117-1201)

**XW, LAOS.** Patrick F2DX, Vincent F4BKV, Diego F4HAU, Pascal F5PTM, and Julien F8AVK will be active as **XW4DX** from Laos on **November 16th to 27th**. Plans are to operate SSB, CW and digital modes with up to five stations. Their license is only valid for 160, 40, 20, 17, 15, 12 and 10 meters. QSL via [ClubLog's OQRS](#) and LoTW, or direct to [F4BKV](#). See <https://xw4dx.f4bkv.net/> for more information and updates.

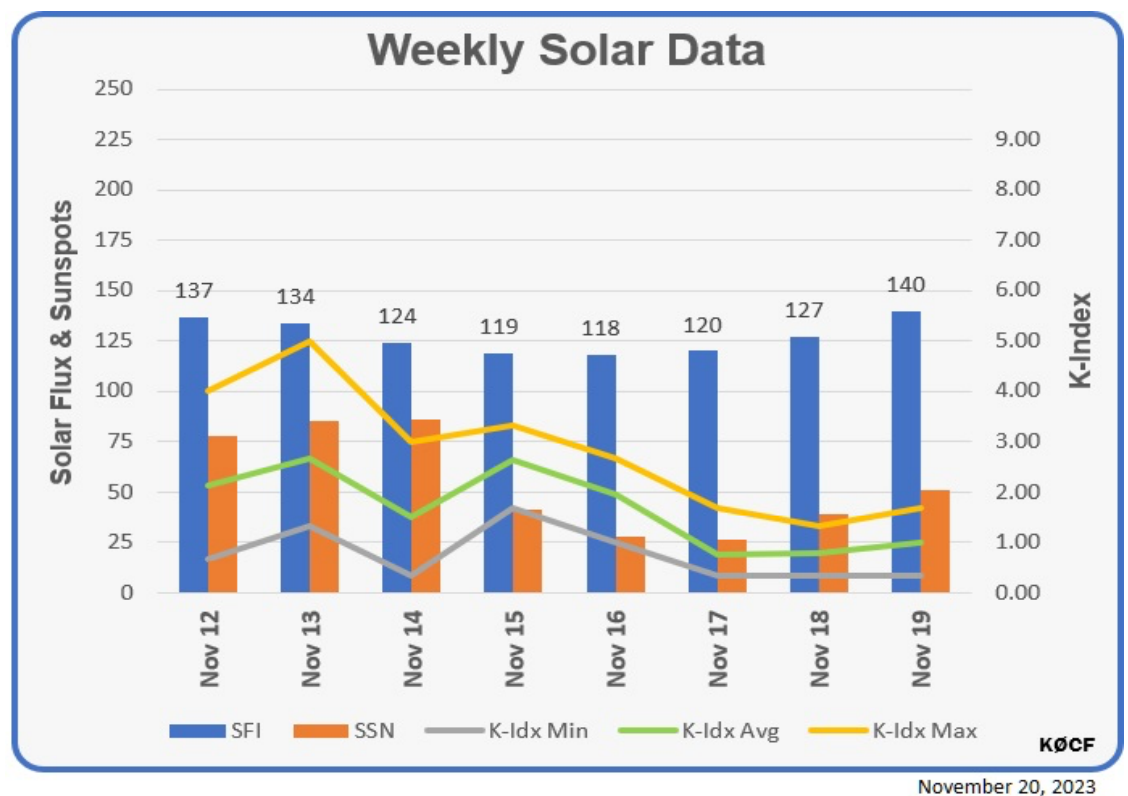
-[425DXN # 1688 September 9, 2023] (1110-1201)

**YU, SERBIA.** The Amateur Radio Union of Serbia (YU1SRS) will host the 26th IARU Region 1 General Conference, to be held at Zlatibor on November 1st-4th. A special callsign has been issued, **YT26IARU**, which may be operated **until December 31st** by the hosting society as well as by the conference amateur radio station. QSL via LoTW.  
-[425DXN # 1672 May 20, 2023] (1027-1124)

**ZF, CAYMAN ISLANDS.** Stan, K5GO will be QRV as **ZF9CW** **until February 15th, 2024**, on the HF bands, using mostly CW, with some SSB. QSL direct to [K5GO](#).  
-[ARRL DX Bulletin # 45 November 9, 2023] (1110-1215)

**ZL7, CHATHAM ISLANDS.** A group of operators are QRV as **ZL7A** **until November 22nd**. Activity is on 160 to 6 meters using CW, SSB, FT8, and FT4. QSL direct to [JF1OCQ](#).  
-[ARRL DX Bulletin # 46 November 16, 2023] (1117-1124)

## Propagation (Updated daily)



The Weekly Solar Data chart plots Solar Flux Index (SFI), Sunspot number (SSN) and Planetary K-Index (K-Idx) for the past 8 days. With 8 Planetary K-index readings each day, only the minimum, average and maximum K-index values are plotted. **Note:** You may click [here](#) or on the chart above to see the same data for the past month.

The Daily Solar Flux Index, Sunspot number, Planetary K-index, Solar Flux predictions and Solar Flare data used in this bulletin have been collected by KØCF from from the U.S. Department of Commerce's NOAA Space Weather Prediction Center.

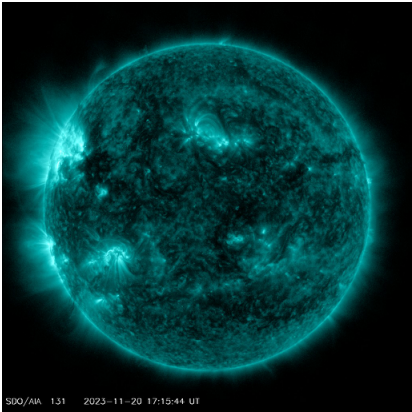
The propagation graphs above are the creations of KØCF and are unique in space weather reporting.

NASA's current view of  
the Sun at a wave-



length of 131 Angstroms. This wavelength shows incredible solar detail.

Click [here](#) or on the image to view as a full screen 48-hour video loop. It is fascinating!



### Propagation Summary

For the 8 day period from Sunday, November 12th through yesterday, November 19th.

The average solar flux was down 17 points from the previous week, with a weekly high of 140 on Sunday, November 19th, following a low of 118 on November 16th.

The average sunspot count was down by 32 for the week, peaking at 86 on Tuesday, November 14th followed by a weekly low of 26 on November 17th.

The Planetary K-index weekly average was 2.8 with a maximum of 5.0 on Monday, November 13th, resulting in minor geomagnetic storm conditions.

Solar flare activity since November 12th has been moderate with 5 major flares, the largest of which was an M 1.2 event on Monday, November 20th.

### Propagation Data

Major solar flares, Sunday, November 12th through 1427 UTC, November 20th.

#	Date	UTC	Mag.
1	Nov 20	0903	M 1.2
2	Nov 18	2234	M 1.0
3	Nov 18	1644	M 1.1
4	Nov 18	0542	M 1.2
5	Nov 14	2305	M 1.0

From the NOAA Space Weather Prediction Center, here are the probabilities of major solar flares and the predicted 10.7 cm Solar Flux for the next 3 days. NOAA updates this information daily.

Date	M-Flares	X-Flares	Solar Flux
Nov 20	40%	5%	140
Nov 21	40%	5%	145
Nov 22	40%	5%	145

Looking farther ahead, here is the NOAA Space Weather Prediction Center forecast of 10.7 cm radio flux and maximum Planetary K-index (Kp) for the next 12 days. This data is updated by NOAA only once a week, on Monday.



Date	Flux	Kp
Nov 20	140	5
Nov 21	145	3
Nov 22	145	4
Nov 23	145	4

Date	Flux	Kp
Nov 24	145	3
Nov 25	145	3
Nov 26	145	2
Nov 27	148	3

Date	Flux	Kp
Nov 28	152	3
Nov 29	152	2
Nov 30	155	2
Dec 1	155	2

## Highs for Cycle 25

Solar Flux: 234 on January 15, 2023.

Sunspots: 227 on July 11, 2023.

## Favorite Propagation web sites

Excellent Maximum Usable Frequency map: <https://prop.kc2g.com/>

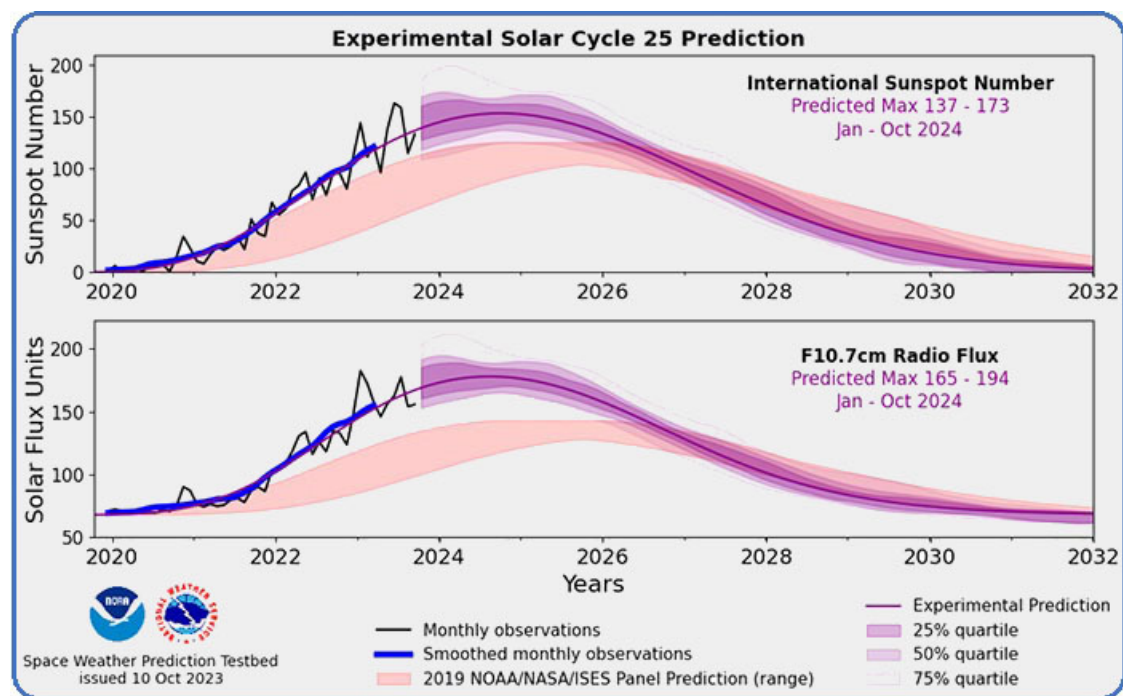
<https://www.spaceweather.com/>

<https://www.solarham.net/>

<https://dx.qsl.net/propagation/>

## NOAA's Cycle 25 Forecast Revised

A revised forecast for Solar Cycle 25 has been released. It shows an earlier, more intense peak than previous forecasts. Here is their new graph:



The pink-colored area is the original prediction; the magenta area is the new, updated prediction. Solar Cycle 25 should peak between January and October 2024, but higher numbers will persist well into 2025, 2026 and beyond. (Click on the graph above to see the complete story on NOAA's web site.)

## A Propagation Tutorial

The solar X-ray flux tracks solar activity and solar flares. Solar flux, which can vary from as low as 50 to as high as 300, influences the level of ionization in the F2 region of the ionosphere, providing a very good prediction of HF DX conditions. The higher the solar flux, the better conditions will be for the higher HF frequencies and even 6 meters. However, the levels need to be maintained for some days to allow ionization in the F2 layer to build up. A solar flux of 150 results in good HF band conditions, while levels of 200 and up can provide great conditions.

Large X-ray flares on the sun can increase the ionization of the D layer of the ionosphere (a lower layer) on the sunlit side of the Earth, greatly attenuating or blocking HF radio transmissions for up to a half hour. Solar flares often produce Coronal Mass Ejections (CMEs) which, if Earth directed, can lead to geomagnetic storms. Some large flares are also accompanied by strong radio bursts that may interfere with other radio frequencies and cause problems for satellite communication and radio navigation (GPS).

The Planetary K-index is a measure of the magnitude of geomagnetic storms and is an excellent indicator of disturbances in the Earth's magnetic field. A level of 1 or 2 represents quiet geomagnetic conditions; a reading of 3 or 4 may cause some propagation deterioration; 5 and 6 are minor to moderate geomagnetic storms; and 7 to 9 are strong, severe, and extreme storm conditions. Strong geomagnetic storms can trigger Auroral displays and cause HF radio blackouts. Higher geomagnetic activity also has the adverse effect of lowering maximum usable frequencies, much like lower solar flux does.

For best conditions, the solar flux should be above 150 for a few days with the K index below 2. When these conditions are met, some good DX is likely!  
 -[Compiled from information on NOAA.gov and other sources]

## Contest Calendar

Contest	Start		End		Web Site
LZ DX Contest	Nov 18	1200Z	Nov 19	1200Z	<a href="#">Rules</a>
ARRL Sweepstakes Contest, SSB	Nov 18	2100Z	Nov 20	0300Z	<a href="#">Rules</a>
CQ Worldwide DX Contest, CW	Nov 25	0000Z	Nov 26	2400Z	<a href="#">Rules</a>
ARRL 160-Meter Contest	Dec 1	2200Z	Dec 3	1600Z	<a href="#">Rules</a>
ARRL 10-Meter Contest	Dec 9	0000Z	Dec 10	2359Z	<a href="#">Rules</a>
OK DX RTTY Contest	Dec 16	0000Z	Dec 16	2400Z	<a href="#">Rules</a>
Croatian CW Contest	Dec 16	1400Z	Dec 17	1400Z	<a href="#">Rules</a>
ARRL Rookie Roundup, CW	Dec 17	1800Z	Dec 17	2359Z	<a href="#">Rules</a>
RAC Winter Contest	Dec 30	0000Z	Dec 30	2359Z	<a href="#">Rules</a>
Stew Perry Topband Challenge	Dec 30	1500Z	Dec 31	1500Z	<a href="#">Rules</a>
ARRL RTTY Roundup	Jan 6	1800Z	Jan 7	2400Z	<a href="#">Rules</a>
ARRL Kids Day	Jan 6	1800Z	Jan 6	2359Z	<a href="#">Rules</a>
YB DX Contest	Jan 13	0000Z	Jan 13	2359Z	<a href="#">Rules</a>
North American QSO Party, CW	Jan 13	1800Z	Jan 14	0600Z	<a href="#">Rules</a>
Hungarian DX Contest	Jan 20	1200Z	Jan 21	1200Z	<a href="#">Rules</a>
North American QSO Party, SSB	Jan 20	1800Z	Jan 21	0600Z	<a href="#">Rules</a>
ARRL January VHF Contest	Jan 20	1900Z	Jan 22	0359Z	<a href="#">Rules</a>
CQ 160-Meter Contest, CW	Jan 26	2200Z	Jan 28	2159Z	<a href="#">Rules</a>
BARTG RTTY Sprint	Jan 27	1200Z	Jan 28	1200Z	<a href="#">Rules</a>
Winter Field Day	Jan 27	1700Z	Jan 28	1700Z	<a href="#">Rules</a>

Vermont QSO Party	Feb 3	0000Z	Feb 4	2400Z	<a href="#">Rules</a>
10-10 Int. Winter Contest, SSB	Feb 3	0001Z	Feb 4	2359Z	<a href="#">Rules</a>
Mexico RTTY International Contest	Feb 3	1200Z	Feb 4	2359Z	<a href="#">Rules</a>
Minnesota QSO Party	Feb 3	1400Z	Feb 3	2400Z	<a href="#">Rules</a>
British Columbia QSO Party	Feb 3	1600Z	Feb 4	2400Z	<a href="#">Rules</a>
North American Sprint, CW	Feb 4	0000Z	Feb 4	0359Z	<a href="#">Rules</a>
CQ WW RTTY WPX Contest	Feb 10	0000Z	Feb 11	2400Z	<a href="#">Rules</a>
ARRL School Club Roundup	Feb 12	1300Z	Feb 16	2359Z	<a href="#">Rules</a>
ARRL Inter. DX Contest, CW	Feb 17	0000Z	Feb 18	2400Z	<a href="#">Rules</a>
CQ 160-Meter Contest, SSB	Feb 23	2200Z	Feb 25	2159Z	<a href="#">Rules</a>
North American QSO Party, RTTY	Feb 24	1800Z	Feb 25	0600Z	<a href="#">Rules</a>

-[Contest data courtesy of the [WA7BNM Contest Calendar](#) ]